



500.43776X00

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Masamitsu TAKAHASHI et al.

Serial No.: 10/823,618

Filed: April 14, 2003

For: STORAGE SYSTEM, METHOD OF CONTROLLING STORAGE  
SYSTEM, AND STORAGE DEVICE

Group: 2186

Examiner: Not yet assigned

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.97 & 1.98**

December 22, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In the matter of the above-identified application, Applicants are submitting herewith a search report and copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.


This information disclosure statement is being submitted before the mailing date of a first office action on the merits.

Each of the documents listed on the attached form equivalent to Form PTO-1449 is in the English language.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Mattingly, Stanger & Malur, Deposit Account No. 50-1417 (referencing attorney docket no. 500.43776X00) please credit any excess fees to such deposit account.

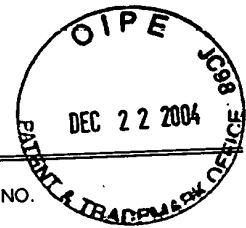
Respectfully submitted,



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MATTINGLY, STANGER & MALUR, P.C.

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**FORM PTO-1449** U.S. Department of  
Commerce (Rev. 4/92) Patent and Trademark  
Office

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

500.43776X00

SERIAL NO.

10/823,618

APPLICANT

Masamitsu TAKAHASHI et al.

FILING DATE

April 14, 2003

GROUP

2186

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2002/0059505 A1	5-2002	ST. PIERRE et al.			
	2003/0229764 A1	12-2003	OHNO et al.			
	2004/0139128 A1	07-2004	BECKER et al.			
	2004/0098547 A1	05-2004	OFEK et al.			

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
					YES	NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])